

IN THE CLAIMS

Claims 1, 16-19, 29, 38, 45, and 49 are amended herein. An unmarked version of the pending claims in this application is provided below. Applicant is also attaching with this Amendment C and Response a "Version with Markings" showing amendments made to particular pending claims.

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1. (Amended) A universal presentation device comprising:

an electronic control device communicatively coupled with a computer system to provide a control mechanism for the computer system; and

a coherent light source configured to provide a coherent light beam for pointing the coherent light beam on an object,

wherein the electronic control device and the coherent light source may be operated simultaneously with each other, and are dimensioned to form a substantially unitary device when at least one of the electronic control device or the coherent light source is operational.

2. The universal presentation device in claim 1, wherein the substantially unitary device is dimensioned as a substantially elongated housing.

3. The universal presentation device in claim 2, wherein the coherent light beam is dispensed from a substantially first side of the substantially elongated housing.

4. The universal presentation device in claim 2, wherein a control mechanism of the electronic control device is mounted on substantially a first side of the substantially elongated housing.

1 5. The universal presentation device in claim 1, wherein a control mechanism of the
2 electronic control device is mounted on a surface of a housing.

1 6. The universal presentation device in claim 5, wherein a control mechanism of the
2 electronic control device and a lens of the coherent light source is mounted on substantially a
3 first end of the housing.

1 7. (Previously Amended) The universal presentation device in claim 5, wherein a
2 control mechanism of the electronic control device and a lens of the coherent light source are
3 mounted on substantially opposite ends of the housing.

1 8. The universal presentation device in claim 6, further comprising a writing
2 mechanism, the writing mechanism mounted in a substantially same side of the housing as at
3 least one of either the control mechanism or the lens.

1 9. The universal presentation device in claim 3, wherein a control mechanism of the
2 electronic control device is mounted on the substantially second side of the substantially
3 elongated housing.

1 10. The universal presentation device in claim 3, wherein a control mechanism of the
2 electronic control device is mounted on the substantially first side of the substantially elongated
3 housing.

1 11. The universal presentation device in claim 1, further comprising a writing
2 mechanism, wherein the writing mechanism couples with the electronic control device and the
3 coherent light source to form a substantially unitary device when at least one from the group
4 comprising the electronic control device, the coherent light source, and the writing mechanism is
5 operational.

1 12. The universal presentation device in claim 1, wherein the electronic control device
2 comprises a gyroscope system, the gyroscope system mounted within a housing.

1 13. The universal presentation device in claim 12, wherein the gyroscope system
2 includes a switch for making a selection on a display of the computer system.

1 14. The universal presentation device in claim 12, further comprising a writing
2 mechanism, the writing mechanism and a lens of the coherent light source mounted in
3 substantially a same side of the housing.

1 15. (Previously Amended) The universal presentation device in claim 12, further
2 comprising a writing mechanism, the writing mechanism and a lens of the coherent light source
3 mounted at substantially opposite sides of the housing.

1 16. (Amended) A modular universal presentation device comprising:

2 a first presentation module configured to provide a first presentation function, the first
3 presentation function including the use of an electrical circuit; and

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cnt 4 a second presentation module configured to provide a second presentation function,

5 wherein the first presentation module and the second presentation module are configured
6 to couple together to form a unitary article.

1 17. (Amended) The modular universal presentation device in claim 16, wherein the
2 first presentation module includes one from the group comprising a laser pointer element and a
3 ~~pointing device element.~~

1 18. (Amended) The modular universal presentation device in claim 16, wherein the
2 second presentation module includes one from the group comprising a writing instrument
3 element.

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1 19. (Amended) The modular universal presentation device in claim 16, wherein the
2 first presentation module and the second presentation module couple with a releasable locking
3 assembly.

1 20. The universal presentation device of claim 1, further comprising a radio-frequency
2 transmitter configured to communicatively couple the electronic control device with the
3 computer system.

1 21. The universal presentation device of claim 1, further comprising a radio-frequency
2 receiver configured to communicatively couple the electronic control device with the computer
3 system.

1 22. The universal presentation device of claim 1, wherein the electronic control
2 device comprises an optical pointing device.

1 23. The universal presentation device of claim 1, wherein the electronic control
2 device operates as an optical pointing device in a first mode and as an electronic slide-show
3 controller in a second mode.

1 24. The universal presentation device of claim 23, further comprising a switch
2 configured to select at least one of the first mode and the second mode.

1 25. The universal presentation device of claim 23, further comprising a power
2 management unit configured to automatically switch between the first and second modes
3 responsive to user input to the electronic control device.

1 26. The universal presentation device of claim 1, wherein the electronic control
2 device is dimensioned to fit a user hand during operation.

1 27. The universal presentation device of claim 26, further comprising a switch
2 coupled to the coherent light source and configured to activate the coherent light source
3 independently of the electronic control device.

1 28. The universal presentation device of claim 1, wherein the universal presentation
2 device communicatively couples with the computer system through a wireless communication
3 link.

C3 1 29. (Amended) ~~The universal presentation device of claim 1, further comprising a~~
2 ~~power management unit configured to turn off at least one of the electronic control device and~~
3 ~~the coherent light source in response to a predetermined condition.~~

4 30. The universal presentation device of claim 29, wherein the predetermined
5 condition comprises user inactivity for a predetermined time period.

1 31. A universal presentation device comprising:

2 a radio-frequency communication unit configured to transmit or receive radio-frequency
3 signals between a host system to communicatively and the universal presentation
4 device;

5 an optical pointing device controller coupled to the radio-frequency communication unit
6 and configured to provide a first control signal to the host system;

7 a second presentation element coupled to the radio-frequency communication unit and
8 configured to provide a second control signal to the host system;

9 a switch mechanism for selecting at least one of a first mode wherein the optical pointing
10 device controller is active and a second mode wherein the second presentation
11 element is active; and

12 a coherent light source configured to provide a coherent light beam for pointing on an
13 object.

1 32. The universal presentation device of claim 31, further comprising a power
2 management unit configured to automatically switch between the first mode and the second
3 mode responsive to user input to the electronic control device.

1 33. The universal presentation device of claim 31, further comprising a substantially
2 elongated housing dimensioned to fit a hand of the user.

1 34. The universal presentation device of claim 33, wherein the optical pointing device
2 controller, second presentation element and coherent light source are each substantially located in
3 a first portion of the substantially elongated housing.

1 35. The universal presentation device of claim 31, further comprising at least one
2 button coupled to the optical pointing device controller and to the second presentation element
3 and configured to provide input to the optical mouse controller when the switching mechanism
4 selects the first mode and configured to provide input to the second presentation element when
5 the switching mechanism selects the second mode.

1 36. The universal presentation device of claim 31, wherein the second presentation
2 element comprises an electronic presentation-controller configured to provide a control input for
3 a presentation application on the computer system.

1 37. The universal presentation device of claim 31, wherein the host system comprises
2 a computer.

1 38. (Amended) A universal presentation device comprising:

2 a communication means for communicating with a host system;

3 an application control means for controlling the host system;

4 a coherent light source means for generating a coherent light beam to light at least a
5 portion of an object; and

6 a housing means for housing the communication means, the control mechanism means
7 and coherent light means;

8 wherein the coherent light source means and application control means may be operated
9 simultaneously.

1 39. The universal presentation device of claim 38, wherein the communication means
2 comprises a radio-frequency transmitter.

1 40. The universal presentation device of claim 38, wherein the application control
2 means comprises a pointing device.

1 41. The universal presentation device of claim 40, wherein the pointing device
2 comprises one from a group consisting of an optical mouse, a conventional mouse, a trackball,
3 and a touch-sensitive pad.

1 42. The universal presentation device of claim 40, wherein the pointing device
2 comprises a solid-state roller.

1 43. The universal presentation device of claim 40, wherein the application control
2 means further comprises a second presentation element.

1 44. The universal presentation device of claim 43, wherein the application control
2 means further comprises a switching mechanism configured to select between a first mode for
3 the pointing device, and a second mode for the second presentation device.

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1 45. ~~(Amended) The universal presentation device of claim 44, wherein the application~~
2 control means further comprises an input means for receiving a user input into the second
3 presentation element when the second mode is selected and into the pointing device when the
4 first mode is selected.

1 46. The universal presentation device of claim 45, wherein the input means comprises
2 at least one shared button.

1 47. The universal presentation device of claim 38, wherein the coherent light means
2 comprises a laser diode and a lens.

3 48. The universal presentation device of claim 38, wherein the host system comprises
4 a computer system.

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1 49. ~~(Amended) In a universal presentation device, a method comprising the steps of:~~
2 communicating with a computer system;
receiving a user input via an electronic control device;
4 ~~controlling the computer system in response to the user input;~~

5 ~~providing a coherent light source for generating a coherent light beam to reflect off an~~
6 object; and

7 ~~housing the electronic control device and the coherent light source in a unitary device;~~

8 ~~wherein the steps of controlling the computer system and providing a coherent light~~
9 ~~source may be performed simultaneously.~~

1 50. The method of claim 49, wherein the step of communicating with the host system
2 further comprises the step of transmitting data using a radio-frequency transmitter.

1 51. The method of claim 49, further comprising the step of selecting between
2 controlling the host system and providing the coherent light source.

1 52. The method of claim 49, further comprising the step of switching between
2 controlling the host system and providing the coherent light source.

1 53. The method of claim 49, wherein the host system comprises a computer system.